

1       Amendments to the claims:

2           Claims 1 thru 26 canceled.

3

4           27. (Previously presented) A simplified "T" interchange design  
5 consisting of:

6           a first road surface for traffic moving in a left to right  
7 direction, said first road surface having two lanes for traffic  
8 moving in said left to right direction;

9           a second road surface for traffic moving in a right to left  
10 direction, said second road surface having two lanes for traffic  
11 moving in said right to left direction;

12           an open space between said first road surface and said second  
13 road surface, said open space substantially forming a median;

14           a third road surface for traffic intending to connect onto  
15 said first road surface and said second road surface; said third  
16 road surface having two lanes for traffic; said third road surface  
17 having one lane for traffic moving toward said first road surface  
18 and said second road surface; said third road surface having one  
19 lane for traffic moving away from said first road surface and said  
20 second road surface; said third road surface having a terminated  
21 end that is located within said median between said first road  
22 surface and said second road surface;

23           a bridge located on said first road surface substantially  
24 where said first road surface intersects said third road surface;

1        said bridge configured so that two lanes of traffic traveling on  
2        said first road surface pass over said bridge, and above said  
3        third road surface; said bridge configured so that two lanes of  
4        traffic traveling on said third road surface pass under said  
5        bridge, and under said first road surface;

6                an exit ramp that exits from said second road surface and  
7        travels through said median and connects onto said terminated end  
8        of said third road surface;

9                an on ramp that originates from said terminated end of said  
10      third road surface and travels through said median and connects  
11      onto said second road surface;

12                an exit ramp that exits from said first road surface and  
13        connects onto said third road surface;

14                an on ramp that originates from said third road surface and  
15        connects onto said first road surface.

16

17        28. (Previously presented) The simplified "T" interchange design of  
18        claim 27 including a fence or a barrier that is located in said  
19        median between said terminated end of said third road surface and  
20        said two lanes of said second road surface.

21

22        29. (Previously presented) The simplified "T" interchange design of  
23        claim 27 including a traffic signal ,or stop sign for vehicles

1       traveling on said third road surface; said traffic signal ,or said  
2       stop sign   located at said terminated end of said third road  
3       surface substantially where said third road surface meets said exit  
4       ramp from said second road surface.

5

6       30. (Previously presented) The simplified "T" interchange design of  
7       claim 27 including a traffic signal ,or stop sign for vehicles  
8       traveling on said exit ramp from said second road surface; said  
9       traffic signal, or said stop sign located substantially where said  
10      exit ramp from said second road surface meets said terminated end  
11      of said third road surface.

12

13      31. (Previously presented) The simplified "T" interchange design of  
14      claim 27 wherein said bridge is an arched bridge.

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16      32. (Previously presented) The simplified "T" interchange design of  
17      claim 27 wherein said first road surface has an up ramp to said  
18      bridge and a down ramp from said bridge.

19

20      33. (Previously presented) A simplified "T" interchange design  
21      comprising:

22            a first road surface for traffic moving in a left to right  
23          direction, said first road surface having two lanes for traffic

1 moving in said left to right direction;

2       a second road surface for traffic moving in a right to left

3 direction, said second road surface having two lanes for traffic

4 moving in said right to left direction;

5       an open space between said first road surface and said second

6 road surface, said open space substantially forming a median;

7       a third road surface for traffic intending to connect onto

8 said first road surface and said second road surface; said third

9 road surface having two lanes for traffic; said third road surface

10 having one lane for traffic moving toward said first road surface

11 and said second road surface; said third road surface having one

12 lane for traffic moving away from said first road surface and said

13 second road surface; said third road surface having a terminated

14 end that is located within said median between said first road

15 surface and said second road surface;

16       a bridge located on said first road surface substantially

17 where said first road surface intersects said third road surface;

18 said bridge configured so that two lanes of traffic traveling on

19 said first road surface pass over said bridge, and above said

20 third road surface; said bridge configured so that two lanes of

21 traffic traveling on said third road surface pass under said

22 bridge, and under said first road surface;

23       an exit ramp that exits from said second road surface and

1       travels through said median and connects onto said terminated end  
2       of said third road surface;

3           an on ramp that originates from said terminated end of said  
4       third road surface and travels through said median and connects  
5       onto said second road surface;

6           an exit ramp that exits from said first road surface and  
7       connects onto said third road surface;

8           an on ramp that originates from said third road surface and  
9       connects onto said first road surface.

10

11      34. (Previously presented) The simplified "T" interchange design of  
12     claim 33 including a fence or a barrier that is located in said  
13     median between said terminated end of said third road surface and  
14     said two lanes of said second road surface.

15

16      35. (Previously presented) The simplified "T" interchange design of  
17     claim 33 including a traffic signal ,or stop sign for vehicles  
18     traveling on said third road surface; said traffic signal ,or said  
19     stop sign located at said terminated end of said third road  
20     surface substantially where said third road surface meets said exit  
21     ramp from said second road surface.

22

23      36. (Previously presented) The simplified "T" interchange design of

1 claim 33 including a traffic signal ,or stop sign for vehicles  
2 traveling on said exit ramp from said second road surface; said  
3 traffic signal, or said stop sign located substantially where said  
4 exit ramp from said second road surface meets said terminated end  
5 of said third road surface.

6

7 37. (Previously presented) The simplified "T" interchange design of  
8 claim 33 wherein said bridge is an arched bridge.

9

10 38. (Previously presented) The simplified "T" interchange design of  
11 claim 33 wherein said first road surface has an up ramp to said  
12 bridge and a down ramp from said bridge.

13

14 39. (Previously presented) A simplified "T" interchange design  
15 comprising:

16 a first road surface for traffic moving in a left to right  
17 direction, said first road surface having two lanes for traffic  
18 moving in said left to right direction;

19 a second road surface for traffic moving in a right to left  
20 direction, said second road surface having two lanes for traffic  
21 moving in said right to left direction;

22 an open space between said first road surface and said second  
23 road surface, said open space substantially forming a median;

1           a third road surface for traffic intending to connect onto  
2    said first road surface and said second road surface; said third  
3    road surface having two lanes for traffic; said third road surface  
4    having one lane for traffic moving toward said first road surface  
5    and said second road surface; said third road surface having one  
6    lane for traffic moving away from said first road surface and said  
7    second road surface; said third road surface having a terminated  
8    end that is located within said median between said first road  
9    surface and said second road surface;

10          a bridge located on said third road surface substantially  
11    where said third road surface intersects said first road surface;  
12    said bridge configured so that two lanes of traffic traveling on  
13    said third road surface pass over said bridge, and above said  
14    first road surface; said bridge configured so that two lanes of  
15    traffic traveling on said first road surface pass under said  
16    bridge, and under said first road surface;

17          an exit ramp from said second road surface that travels  
18    through said median and connects onto said terminated end of said  
19    third road surface;

20          an on ramp from said terminated end of said third road surface  
21    that travels through said median and connects onto said second  
22    road surface;

23          an exit ramp from said first road surface that connects onto

1        said third road surface;  
2                an on ramp from said third road surface that connects onto  
3        said first road surface.

4

5        40. (Previously presented) The simplified "T" interchange design of  
6        claim 39 including a fence or a barrier that is located in said  
7        median between said terminated end of said third road surface and  
8        said two lanes of said second road surface.

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10       41. (Previously presented) The simplified "T" interchange design of  
11       claim 39 including a traffic signal ,or stop sign for vehicles  
12       traveling on said third road surface; said traffic signal ,or said  
13       stop sign located at said terminated end of said third road  
14       surface substantially where said third road surface meets said exit  
15       ramp from said second road surface.

16

17       42. (Previously presented) The simplified "T" interchange design of  
18       claim 39 including a traffic signal ,or stop sign for vehicles  
19       traveling on said exit ramp from said second road surface; said  
20       traffic signal, or said stop sign located substantially where said  
21       exit ramp from said second road surface meets said terminated end  
22       of said third road surface.

23

1       43. (New) A simplified "T" interchange design comprising:

2           A first road surface for traffic moving in a left to right

3       direction, said first road surface having a lane for traffic moving

4       in said left to right direction;

5           a second road surface for traffic moving in a right to left

6       direction, said second road surface having a lane for traffic

7       moving in said right to left direction;

8           an open space between said first road surface and said second

9       road surface, said open space substantially forming a median;

10          a third road surface for traffic intending to connect onto

11       said first road surface and said second road surface; said third

12       road surface having lanes for traffic; said third road surface

13       having a lane for traffic moving toward said first road surface and

14       said second road surface; said third road surface having a lane for

15       traffic moving away from said first road surface and said second

16       road surface; said third road surface having a terminated end that

17       is located within said median between said first road surface and

18       said second road surface;

19          a bridge located on said first road surface substantially

20       where said first road surface intersects said third road surface;

21       said bridge configured so that a lane of traffic traveling on said

22       first road surface passes over said bridge, and above said third

23       road surface; said bridge configured so that lanes of traffic

24       traveling on said third road surface pass under said bridge, and

1 under said first road surface;

2       an exit ramp that exits from said second road surface and

3 travels through said median and connects onto said terminated end

4 of said third road surface;

5       an on ramp that originates from said terminated end of said

6 third road surface and travels through said median and connects

7 onto said second road surface;

8       an exit ramp that exits from said first road surface and

9 connects onto said third road surface;

10      an on ramp that originates from said third road surface and

11 connects onto said first road surface.

12

13

14      44. (New) A simplified "T" interchange design consisting of:

15       a first road surface for traffic moving in a left to right

16 direction, said first road surface having a lane for traffic moving

17 in said left to right direction;

18       a second road surface for traffic moving in a right to left

19 direction, said second road surface having a lane for traffic

20 moving in said right to left direction;

21       an open space between said first road surface and said second

22 road surface, said open space substantially forming a median;

23       a third road surface for traffic intending to connect onto

24 said first road surface and said second road surface; said third

1        road surface having lanes for traffic; said third road surface  
2        having a lane for traffic moving toward said first road surface and  
3        said second road surface; said third road surface having a lane for  
4        traffic moving away from said first road surface and said second  
5        road surface; said third road surface having a terminated end that  
6        is located within said median between said first road surface and  
7        said second road surface;

8            a bridge located on said first road surface substantially  
9        where said first road surface intersects said third road surface;  
10        said bridge configured so that a lane of traffic traveling on said  
11        first road surface passes over said bridge, and above said third  
12        road surface; said bridge configured so that lanes of traffic  
13        traveling on said third road surface pass under said bridge, and  
14        under said first road surface;

15            an exit ramp that exits from said second road surface and  
16        travels through said median and connects onto said terminated end  
17        of said third road surface;

18            an on ramp that originates from said terminated end of said  
19        third road surface and travels through said median and connects  
20        onto said second road surface;

21            an exit ramp that exits from said first road surface and  
22        connects onto said third road surface;

23            an on ramp that originates from said third road surface and  
24        connects onto said first road surface.